

ABSTRACT OF THE DISCLOSURE

Methods, systems, and articles of manufacture consistent with the present invention provide for evolutionary development of intellectual capital. A data instance is asynchronously received in a first format. A copy of the data instance is asynchronously received in a second format different than the first format. A datatype of a third format is provided for the data instance and the copy of the data instance. Each datatype has a metadata in the third format that describes the respective data instance and a reference in the third format to the respective data instance. The data instances are maintained separately from the datatypes. The third format is recognizable to a subscriber of the data instances to enable the subscriber to concurrently process the data instance in the first format and the copy of the data instance in the second format. The data instance in the first format is converted to the second format.